Express Mail Label No.: EV074977306US

Date of Deposit: December 13, 2002



## COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

clow named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a utility patent is sought on the invention entitled:

### PROTEINS AND NUCLEIC ACIDS ENCODING SAME

the specification of which was filed on January 31, 2002, as United States non-provisional application U.S.S.N. 10/072,012, bearing Attorney Docket No. 21402-258 (2) (CURA-558).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application designating at least one country other than the United States listed below and have also identified below any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

Appln.	Country	Filing Date	Priority	Claimed
Number	(if PCT, so indicate)	(dd/mm/yy)	Yes	No

I hereby claim the benefit under Title 35, United States Code, § 119(e) or §120 of any United States application(s), or §365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56

which became available between the filing date of the prior application and the national or PCT International filing date of this application:

Application No. (U.S.S.N.)	Filing Date (dd/mm/yy)	Status (Patented, Pending, Abandoned)
60/265,102	January 30, 2001	Abandoned
60/265,514	January, 31, 2001	Abandoned
60/265,517	January 31, 2001	Abandoned
60/265,412	January 31, 2001	Abandoned
60/265,395	January 31, 2001	Abandoned
60/266,406	February 2, 2001	Abandoned
60/266,767	February 5, 2001	Abandoned
60/267,057	February 7, 2001	Abandoned
60/266,975	February 7, 2001	Abandoned
60/267,459	February 8, 2001	Abandoned
60/267.823	February 9, 2001	Abandoned
60/268,974	February 15, 2001	Abandoned
60/271,855	February 27, 2001	Abandoned
60/271,839	February 27, 2001	Abandoned
60/273,046	March 2, 2001	Abandoned
60/272,788	March 2, 2001	Abandoned
60/275,989	March 14, 2001	Abandoned
60/275,925	March 14, 2001	Abandoned
60/275.947	March 14, 2001	Abandoned
60/275.950	March 14, 2001	Abandoned
60/276,450	March 15, 2001	Abandoned
60/276,448	March 15, 2001	Abandoned
60/276,397	March 16, 2001	Abandoned
60/276,768	March 16, 2001	Abandoned
60/278,652	March 20, 2001	Abandoned
60/278,775	March 26, 2001	Abandoned
60/278.778	March 26, 2001	Abandoned
60/279.882	March 29, 2001	Abandoned
60/279,884	March 29, 2001	Abandoned
60/280,147	March 30, 2001	Abandoned
60/283,083	April 11, 2001	Abandoned
60/282,992	April 11, 2001	Abandoned
60/285,133	April 20, 2001	Abandoned
60/285,749	April 23, 2001	Abandoned
60/288,327	May 3, 2001	Abandoned
60/288,504	May 3, 2001	Abandoned
60/294.047	May 29, 2001	Abandoned

Application No. (U.S.S.N.)	Filing Date (dd/mm/yy)	Status (Patented, Pending, Abandoned)
60/294,473	May 30, 2001	Abandoned
60/296,964	June 8, 2001	Abandoned
60/298,959	June 18, 2001	Abandoned
60/299,324	June 19, 2001	Abandoned
60/312,020	August 13, 2001	Abandoned
60/312,908	August 16, 2001	Abandoned
60/312,889	August 16, 2001	Abandoned
60/313,930	August 21, 2001	Abandoned
60/315,470	August 28, 2001	Abandoned
60/316,447	August 31, 2001	Abandoned
60/318,115	September 7, 2001	Abandoned
60/318,118	September 7, 2001	Abandoned
60/318,740	September 12, 2001	Abandoned
60/323,379	September 19, 2001	Abandoned
60/330,308	October 18, 2001	Pending
60/330,245	October 18, 2001	Pending
60/332,701	November 14, 2001	Pending
60/271,664	February 26, 2001	Abandoned

PCT International Applications designating the United States:

PCT International Application No.	PCT Filing Date	Status

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Attorney or Agent	Registration No.	Attorney or Agent	Registration No.
Kevin Ainsworth	39,586	Shane Hunter	41,858
Ingrid Beattie	42,306	David E. Johnson	41,874
William Belanger	40,509	Christina Karnakis	45,899
Charles E. Bell	48,128	Kristin E. Konzak	44,848
Naomi Biswas	38,384	Cynthia Kozakiewicz	42,764
Bradford C. Blaise	47,429	Barry J. Marenberg	40,715
Sean M. Coughlin	48,593	Scott D. Miller	43,803
David F. Crosby	36,400	A. Jason Mirabito	28,161
Christopher J. Cuneo	42,450	Michel Morency	50,183
Brett N. Dorny	35,860	Carol H. Peters	45,010
Marianne Downing	42,870	Matthew Pavao	50,572
Ivor R. Elrifi	39,529	Michael Renaud	44,299
Heidi A. Erlacher	45,409	Robert J. Sayre	42,124
John M. Garvey	37,833	C. Eric Schulman	43,350
James G. Gatto	32,694	Gregory J. Sieczkiewicz	48,223
Richard Gervase	46,725	Thomas M. Sullivan	39,392
Matthew J. Golden	35,161	Janine Susan	46,119

. ,			
Sonia K. Guterman	44,729	Nicholas P. Triano III	36,397
John A. Harre	37,345	Howard Susser	33,556
Brian P. Hopkins	42,669		

all of MINTZ, LEVIN, COHN, FERRIS, GLOVSKY AND POPEO PC, One Financial Center, Boston, Massachusetts 02111, as Applicant's attorneys with full power of substitution and revocation to take any and all action necessary with regard to the above-identified patent.

Address all telephone calls to Ivor R. Elrifi at telephone number (617) 348-1747. Address all correspondence to:

Ivor R. Elrifi, Ph.D.
Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C.
One Financial Center
Boston, Massachusetts 02111

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or patent issued thereon.

Inventor's Signature: Velizar Tchernev	Date
Full Name of Inventor: Velizar T. Tchernev, Ph.D.	
Citizenship: Bulgaria	
Residence: 45 Jefferson Road, #3-12, Branford, CT 06405	
Post Office Address: Same	
Inventor's Signature: Kimberly Spytek	Date

Full Name of Inventor: Kimberly A. Spytek Citizenship: United States

Residence: 28 Court St., #1, New Haven, CT 06511

Post Office Address: Same

Inventor's Signature: Bryan Zerhusen Date Full Name of Inventor: Bryan D. Zerhusen, Ph.D. Citizenship: United States Residence: 337 Monticello Drive, Branford, CT 06405 Post Office Address: Same Date Inventor's Signature: Meera Patturajan Full Name of Inventor: Meera Patturajan Citizenship: India Residence: 45 Harrison Ave., Apt. 1C, Branford, CT 06405 Post Office Address: Same **Inventor's Signature: Richard Shimkets** Date Full Name of Inventor: Richard A. Shimkets, Ph.D. Citizenship: United States Residence: 191 Leete Street, West Haven, CT 06516 Post Office Address: Same Inventor's Signature: Li Li Date Full Name of Inventor: Li Li Citizenship: China Residence: 56 Jerimoth Drive, Branford, CT 06405 Post Office Address: Same Inventor's Signature: Esha Gangolli Date Full Name of Inventor: Esha A. Gangolli, Ph.D. Citizenship: India Residence: 31 Strawberry Hill Rd., Madison, CT 06443 Post Office Address: Same

Inventor's Signature: Muralidhara Padigaru Full Name of Inventor: Muralidhara Padigaru Citizenship: India Residence: 71 Hampton Park, Branford, CT 06405 Post Office Address: Same	Date
Inventor's Signature: David W. Anderson Full Name of Inventor: David W. Anderson Citizenship: United States Residence: 85 Montoya Drive, Branford, CT 06405 Post Office Address: Same	Date
Inventor's Signature: Luca Rastelli, Ph.D. Full Name of Inventor: Luca Rastelli Citizenship: Italian Residence: 52 Pepperbush Lane, Guilford, CT 06437 Post Office Address: Same	Date
Inventor's Signature: Charles E. Miller Full Name of Inventor: Charles E. Miller Citizenship: United States Residence: 98 Saddle Hill Drive, CT 06437 Post Office Address: Same	Date
Inventor's Signature: Valerie Gerlach Full Name of Inventor: Valerie Gerlach Citizenship: United States Residence: 375 East Main Street, Branford, CT 06405 Post Office Address: Same	Date

Inventor's Signature: Raymond J. Taupier, Jr. Full Name of Inventor: Raymond J. Taupier, Jr. Citizenship: United States Residence: 47 Holmes Street, East Haven, CT 06512 Post Office Address: Same	Date	
Inventor's Signature: Vladimir Y. Gusev Full Name of Inventor: Vladimir Y. Gusev Citizenship: Ukraine Residence: 1209 Durham Road, CT 06443 Post Office Address: Same		Date
Inventor's Signature: Steven D. Colman Full Name of Inventor: Steven D. Colman, Ph.D. Citizenship: United States Residence: 24 Andy Lane, Guilford, CT 06437 Post Office Address: Same	Date	
Inventor's Signature: Adam Ryan Wolenc Full Name of Inventor: Adam Ryan Wolenc Citizenship: United States Residence: 183 Fairmont Avenue, New Haven, CT 06512 Post Office Address: Same	9/35/02 Date	
Inventor's Signature: Carol E. A. Pena Full Name of Inventor: Carol E. A. Pena Citizenship: United States Residence: 604 Orange St. #2, New Haven, CT 06511 Post Office Address: Same	Date	

Post Office Address: Same

Date Inventor's Signature: Katarzyna Furtak Full Name of Inventor: Katarzyna Furtak Citizenship: Poland and United States Residence: 31 Park Place, Anosia, CT 06401 Post Office Address: Same Inventor's Signature: William M. Grosse Date Full Name of Inventor: William M. Grosse Citizenship: United States Residence: 15 Rice Terrace Road Apt., Bransford, CT 06405 Post Office Address: Same Inventor's Signature: John P. Alsobrook II Date Full Name of Inventor: John P. Alsobrook II Citizenship: United States Residence: 60 Lake Drive, Madison, CT 06443 Post Office Address: Same Inventor's Signature: Denise M. Lepley Date Full Name of Inventor: Denise M. Lepley, Ph.D. Citizenship: United States Residence: 51 Church Street, Branford, CT 06405 Post Office Address: Same Inventor's Signature: Daniel K. Rieger Date Full Name of Inventor: Daniel K. Rieger Citizenship: United States Residence: 10A McKinnel Ct., Branford, CT 06405

**Inventor's Signature: Catherine E. Burgess**Date

Full Name of Inventor: Catherine E. Burgess

Citizenship: United States

Residence: 90 Carriage Hill Drive, Wethersfield, CT 06109

Post Office Address: Same

TRA 1623853v1



### COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a utility patent is sought on the invention entitled:

### PROTEINS AND NUCLEIC ACIDS ENCODING SAME

the specification of which was filed on January 31, 2002, as United States non-provisional application U.S.S.N. 10/072,012, bearing Attorney Docket No. 21402-258 (2) (CURA-558).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application designating at least one country other than the United States listed below and have also identified below any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

Appln.	Country	Filing Date	Priority	Claimed
Number	(if PCT, so indicate)	(dd/mm/yy)	Yes	No

I hereby claim the benefit under Title 35, United States Code, § 119(e) or §120 of any United States application(s), or §365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations. §1.56

which became available between the filing date of the prior application and the national or PCT International filing date of this application:

Application No. (U.S.S.N.)	Filing Date (dd/mm/yy)	Status (Patented, Pending, Abandoned)
60/265,102	January 30, 2001	Abandoned
60/265,514	January, 31, 2001	Abandoned
60/265,517	January 31, 2001	Abandoned
60/265,412	January 31, 2001	Abandoned
60/265,395	January 31, 2001	Abandoned
60/266,406	February 2, 2001	Abandoned
60/266,767	February 5, 2001	Abandoned
60/267,057	February 7, 2001	Abandoned
60/266,975	February 7, 2001	Abandoned
60/267,459	February 8, 2001	Abandoned
60/267.823	February 9, 2001	Abandoned
60/268,974	February 15, 2001	Abandoned
60/271.855	February 27, 2001	Abandoned
60/271,839	February 27, 2001	Abandoned
60/273,046	March 2, 2001	Abandoned
60/272,788	March 2, 2001	Abandoned
60/275,989	March 14, 2001	Abandoned
60/275,925	March 14, 2001	Abandoned
60/275,947	March 14, 2001	Abandoned
60/275,950	March 14, 2001	Abandoned
60/276,450	March 15, 2001	Abandoned
60/276,448	March 15, 2001	Abandoned
60/276,397	March 16, 2001	Abandoned
60/276,768	March 16, 2001	Abandoned
60/278,652	March 20, 2001	Abandoned
60/278,775	March 26, 2001	Abandoned
60/278,778	March 26, 2001	Abandoned
60/279,882	March 29, 2001	Abandoned
60/279,884	March 29, 2001	Abandoned
60/280,147	March 30, 2001	Abandoned
60/283,083	April 11, 2001	Abandoned
60/282,992	April 11, 2001	Abandoned
60/285,133	April 20, 2001	Abandoned
60/285,749	April 23, 2001	Abandoned
60/288,327	May 3, 2001	Abandoned
60/288,504	May 3, 2001	Abandoned
60/294,047	May 29, 2001	Abandoned

Application No. (U.S.S.N.)	Filing Date (dd/mm/yy)	Status (Patented, Pending, Abandoned)
60/294,473	May 30, 2001	Abandoned
60/296,964	June 8, 2001	Abandoned
60/298,959	June 18, 2001	Abandoned
60/299,324	June 19, 2001	Abandoned
60/312,020	August 13, 2001	Abandoned
60/312,908	August 16, 2001	Abandoned
60/312,889	August 16, 2001	Abandoned
60/313,930	August 21, 2001	Abandoned
60/315,470	August 28, 2001	Abandoned
60/316,447	August 31, 2001	Abandoned
60/318,115	September 7, 2001	Abandoned
60/318,118	September 7, 2001	Abandoned
60/318,740	September 12, 2001	Abandoned
60/323,379	September 19, 2001	Abandoned
60/330,308	October 18, 2001	Pending
60/330,245	October 18, 2001	Pending
60/332,701	November 14, 2001	Pending
60/271,664	February 26, 2001	Abandoned

PCT International Applications designating the United States:

PCT International Application No.	PCT Filing Date	Status

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Attorney or Agent	Registration No.	Attorney or Agent	Registration No.
Kevin Ainsworth	39,586	Shane Hunter	41,858
Ingrid Beattie	42,306	David E. Johnson	41,874
William Belanger	40,509	Christina Karnakis	45,899
Charles E. Bell	48,128	Kristin E. Konzak	44,848
Naomi Biswas	38,384	Cynthia Kozakiewicz	42,764
Bradford C. Blaise	47,429	Barry J. Marenberg	40,715
Sean M. Coughlin	48,593	Scott D. Miller	43,803
David F. Crosby	36,400	A. Jason Mirabito	28,161
Christopher J. Cuneo	42,450	Michel Morency	50,183
Brett N. Dorny	35,860	Carol H. Peters	45,010
Marianne Downing	42,870	Matthew Pavao	50,572
Ivor R. Elrifi	39,529	Michael Renaud	44,299
Heidi A. Erlacher	45,409	Robert J. Sayre	42,124
John M. Garvey	37,833	C. Eric Schulman	43,350
James G. Gatto	32.694	Gregory J. Sieczkiewicz	48.223
Richard Gervase	46,725	Thomas M. Sullivan	39,392
Matthew J. Golden	35,161	Janine Susan	46,119

Sonia K. Guterman	44,729	Nicholas P. Triano III	36,397
John A. Harre	37,345	Howard Susser	33,556
Brian P. Hopkins	42,669		

all of MINTZ, LEVIN, COHN, FERRIS, GLOVSKY AND POPEO PC, One Financial Center, Boston, Massachusetts 02111, as Applicant's attorneys with full power of substitution and revocation to take any and all action necessary with regard to the above-identified patent.

Address all telephone calls to Ivor R. Elrifi at telephone number (617) 348-1747. Address all correspondence to:

Ivor R. Elrifi, Ph.D.
Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C.
One Financial Center
Boston, Massachusetts 02111

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or patent issued thereon.

V. Tchemer	12/04/02
Inventor's Signature: Velizar Tchernev	Date
Full Name of Inventor: Velizar T. Tchernev, Ph.D.	
Citizenship: Bulgaria	
Residence: 45 Jefferson Road, #3-12, Branford, CT 06405	

Inventor's Signature: Kimberly Spytek Date

Full Name of Inventor: Kimberly A. Spytek

Citizenship: United States

Post Office Address: Same

Residence: 28 Court St., #1, New Haven, CT 06511

Post Office Address: Same

Post Office Address: Same

Inventor's Signature: Bryan Zerhusen Date Full Name of Inventor: Bryan D. Zerhusen, Ph.D. Citizenship: United States Residence: 337 Monticello Drive, Branford, CT 06405 Post Office Address: Same Inventor's Signature: Meera Patturajan Date Full Name of Inventor: Meera Patturajan Citizenship: India Residence: 45 Harrison Ave., Apt. 1C, Branford, CT 06405 Post Office Address: Same **Inventor's Signature: Richard Shimkets** Date Full Name of Inventor: Richard A. Shimkets, Ph.D. Citizenship: United States Residence: 191 Leete Street, West Haven, CT 06516 Post Office Address: Same Inventor's Signature: Li Li Date Full Name of Inventor: Li Li Citizenship: China Residence: 56 Jerimoth Drive, Branford, CT 06405 Post Office Address: Same Inventor's Signature: Esha Gangolli Date Full Name of Inventor: Esha A. Gangolli, Ph.D. Citizenship: India Residence: 31 Strawberry Hill Rd., Madison, CT 06443

Inventor's Signature: Muralidhara Padigaru Full Name of Inventor: Muralidhara Padigaru Citizenship: India Residence: 71 Hampton Park, Branford, CT 06405 Post Office Address: Same	Date
Inventor's Signature: David W. Anderson Full Name of Inventor: David W. Anderson Citizenship: United States Residence: 85 Montoya Drive, Branford, CT 06405 Post Office Address: Same	Date
Inventor's Signature: Luca Rastelli, Ph.D. Full Name of Inventor: Luca Rastelli Citizenship: Italian Residence: 52 Pepperbush Lane, Guilford, CT 06437 Post Office Address: Same	Date
Inventor's Signature: Charles E. Miller Full Name of Inventor: Charles E. Miller Citizenship: United States Residence: 98 Saddle Hill Drive, CT 06437 Post Office Address: Same	Date
Inventor's Signature: Valerie Gerlach Full Name of Inventor: Valerie Gerlach Citizenship: United States Residence: 375 East Main Street, Branford, CT 06405 Post Office Address: Same	Date

Inventor's Signature: Raymond J. Taupier, Jr. Full Name of Inventor: Raymond J. Taupier, Jr. Citizenship: United States Residence: 47 Holmes Street, East Haven, CT 06512 Post Office Address: Same	Date	
Inventor's Signature: Vladimir Y. Gusev Full Name of Inventor: Vladimir Y. Gusev Citizenship: Ukraine Residence: 1209 Durham Road, CT 06443 Post Office Address: Same		Date
Inventor's Signature: Steven D. Colman Full Name of Inventor: Steven D. Colman, Ph.D. Citizenship: United States Residence: 24 Andy Lane, Guilford, CT 06437 Post Office Address: Same	Date	·····
Inventor's Signature: Adam Ryan Wolenc Full Name of Inventor: Adam Ryan Wolenc Citizenship: United States Residence: 500 Main Street, Apt. 206, East Haven, CT 06 Post Office Address: Same	Date 5512	
Inventor's Signature: Carol E. A. Pena Full Name of Inventor: Carol E. A. Pena Citizenship: United States Residence: 604 Orange St. #2, New Haven. CT 06511 Post Office Address: Same	Date	

Inventor's Signature: Katarzyna Furtak Full Name of Inventor: Katarzyna Furtak Citizenship: Poland and United States Residence: 31 Park Place, Anosia, CT 06401 Post Office Address: Same	Date
Inventor's Signature: William M. Grosse Full Name of Inventor: William M. Grosse Citizenship: United States Residence: 15 Rice Terrace Road Apt., Bransford, CT 0640 Post Office Address: Same	Date
Inventor's Signature: John P. Alsobrook II Full Name of Inventor: John P. Alsobrook II Citizenship: United States Residence: 60 Lake Drive, Madison, CT 06443 Post Office Address: Same	Date
Inventor's Signature: Denise M. Lepley Full Name of Inventor: Denise M. Lepley, Ph.D. Citizenship: United States Residence: 51 Church Street, Branford, CT 06405 Post Office Address: Same	Date
Inventor's Signature: Daniel K. Rieger Full Name of Inventor: Daniel K. Rieger Citizenship: United States Residence: 10A McKinnel Ct., Branford, CT 06405 Post Office Address: Same	Date

**Inventor's Signature: Catherine E. Burgess** 

Date

Full Name of Inventor: Catherine E. Burgess

Citizenship: United States

Residence: 90 Carriage Hill Drive, Wethersfield, CT 06109

Post Office Address: Same

TRA 1718857v1

Express Mail Label No.: EV074977306US

Pate of Deposit: December 13, 2002

# COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a utility patent is sought on the invention entitled:

#### PROTEINS AND NUCLEIC ACIDS ENCODING SAME

the specification of which was filed on January 31, 2002, as United States non-provisional application U.S.S.N. 10/072,012, bearing Attorney Docket No. 21402-258 (2) (CURA-558).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application designating at least one country other than the United States listed below and have also identified below any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

Appln.	Country Filing Date		Priority Claimed	
Number	(if PCT, so indicate)	(dd/mm/yy)	Yes	No

I hereby claim the benefit under Title 35, United States Code, § 119(e) or §120 of any United States application(s), or §365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56

which became available between the filing date of the prior application and the national or PCT International filing date of this application:

Application No. (U.S.S.N.)	Filing Date (dd/mm/yy)	Status (Patented, Pending, Abandoned)
60/265,102	January 30, 2001	Abandoned
60/265,514	January, 31, 2001	Abandoned
60/265,517	January 31, 2001	Abandoned
60/265,412	January 31, 2001	Abandoned
60/265,395	January 31, 2001	Abandoned
60/266,406	February 2, 2001	Abandoned
60/266,767	February 5, 2001	Abandoned
60/267,057	February 7, 2001	Abandoned
60/266,975	February 7, 2001	Abandoned
60/267,459	February 8, 2001	Abandoned
60/267,823	February 9, 2001	Abandoned
60/268,974	February 15, 2001	Abandoned
60/271,855	February 27, 2001	Abandoned
60/271,839	February 27, 2001	Abandoned
60/273,046	March 2, 2001	Abandoned
60/272,788	March 2, 2001	Abandoned
60/275,989	March 14, 2001	Abandoned
60/275,925	March 14, 2001	Abandoned
60/275,947	March 14, 2001	Abandoned
60/275,950	March 14, 2001	Abandoned
60/276,450	March 15, 2001	Abandoned
60/276,448	March 15, 2001	Abandoned
60/276,397	March 16, 2001	Abandoned
60/276,768	March 16, 2001	Abandoned
60/278,652	March 20, 2001	Abandoned
60/278,775	March 26, 2001	Abandoned
60/278,778	March 26, 2001	Abandoned
60/279,882	March 29, 2001	Abandoned
60/279,884	March 29, 2001	Abandoned
60/280,147	March 30, 2001	Abandoned
60/283,083	April 11, 2001	Abandoned
60/282.992	April 11, 2001	Abandoned
60/285,133	April 20, 2001	Abandoned
60/285.749	April 23, 2001	Abandoned
60/288.327	May 3, 2001	Abandoned
60/288,504	May 3, 2001	Abandoned
60/294,047	May 29, 2001	Abandoned

Application No. (U.S.S.N.)	Filing Date (dd/mm/yy)	Status (Patented, Pending, Abandoned)
60/294,473	May 30, 2001	Abandoned
60/296,964	June 8, 2001	Abandoned
60/298,959	June 18, 2001	Abandoned
60/299,324	June 19, 2001	Abandoned
60/312,020	August 13, 2001	Abandoned
60/312,908	August 16, 2001	Abandoned
60/312,889	August 16, 2001	Abandoned
60/313,930	August 21, 2001	Abandoned
60/315,470	August 28, 2001	Abandoned
60/316,447	August 31, 2001	Abandoned
60/318,115	September 7, 2001	Abandoned
60/318,118	September 7, 2001	Abandoned
60/318,740	September 12, 2001	Abandoned
60/323,379	September 19, 2001	Abandoned
60/330,308	October 18, 2001	Pending
60/330,245	October 18, 2001	Pending
60/332,701	November 14, 2001	Pending
60/271,664	February 26, 2001	Abandoned

PCT International Applications designating the United States:

PCT International Application No.	PCT Filing Date	Status

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Attorney or Agent	Registration No.	Attorney or Agent	Registration No.
Kevin Ainsworth	39,586	Shane Hunter	41,858
Ingrid Beattie	42,306	David E. Johnson	41,874
William Belanger	40,509	Christina Karnakis	45,899
Charles E. Bell	48,128	Kristin E. Konzak	44,848
Naomi Biswas	38,384	Cynthia Kozakiewicz	42,764
Bradford C. Blaise	47,429	Barry J. Marenberg	40,715
Sean M. Coughlin	48,593	Scott D. Miller	43,803
David F. Crosby	36,400	A. Jason Mirabito	28,161
Christopher J. Cuneo	42,450	Michel Morency	50,183
Brett N. Dorny	35,860	Carol H. Peters	45,010
Marianne Downing	42,870	Matthew Pavao	50,572
Ivor R. Elrifi	39,529	Michael Renaud	.44,299
Heidi A. Erlacher	45,409	Robert J. Sayre	42,124
John M. Garvey	37,833	C. Eric Schulman	43,350
James G. Gatto	32,694	Gregory J. Sieczkiewicz	48,223
Richard Gervase	46,725	Thomas M. Sullivan	39,392
Matthew J. Golden	35,161	Janine Susan	46,119

• /			
Sonia K. Guterman	44,729	Nicholas P. Triano III	36,397
John A. Harre	37,345	Howard Susser	33,556
Brian P. Hopkins	42,669		

all of MINTZ, LEVIN, COHN, FERRIS, GLOVSKY AND POPEO PC, One Financial Center, Boston, Massachusetts 02111, as Applicant's attorneys with full power of substitution and revocation to take any and all action necessary with regard to the above-identified patent.

Address all telephone calls to Ivor R. Elrifi at telephone number (617) 348-1747. Address all correspondence to:

Ivor R. Elrifi, Ph.D.
Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C.
One Financial Center
Boston, Massachusetts 02111

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or patent issued thereon.

Date

Inventor's Signature: Velizar Tchernev

Full Name of Inventor: Velizar T. Tchernev, Ph.D.

Citizenship: Bulgaria

Residence: 45 Jefferson Road, #3-12, Branford, CT 06405

Post Office Address: Same

Inventor's Signature: Kimberly Spytek
Full Name of Inventor: Kimberly A. Spytek

Citizenship: United States

Residence: 28 Court St., #1, New Haven, CT 06511

Post Office Address: Same

Inventor's Signature! Bryan Zerhusen Full Name of Inventor: Bryan D. Zerhusen, Ph.D. Citizenship: United States Residence: 337 Monticello Drive, Branford, CT 06405 Post Office Address: Same Inventor's Signature: Meera Patturajan Date Full Name of Inventor: Meera Patturajan Citizenship: India Residence: 45 Harrison Ave., Apt. 1C, Branford, CT 06405 Post Office Address: Same **Inventor's Signature: Richard Shimkets** Date Full Name of Inventor: Richard A. Shimkets, Ph.D. Citizenship: United States Residence: 191 Leete Street, West Haven, CT 06516 Post Office Address: Same Inventor's Signature: Li Li Full Name of Inventor: Li Li Citizenship: China Residence: 56 Jerimoth Drive, Branford, CT 06405 Post Office Address: Same

Inventor's Signature: Esha Gangoth

Full Name of Inventor: Esha A. Gangolli, Ph.D.

Citizenship: India

Residence: 31 Strawberry Hill Rd., Madison, CT 06443

Post Office Address: Same

Mudleur	9/26/02
Inventor's Signature: Muralidhara Padigaru Full Name of Inventor: Muralidhara Padigaru Citizenship: India Residence: 71 Hampton Park, Branford, CT 06405 Post Office Address: Same	Date
David W. Code	9/20/2002
Inventor's Signature: David W. Anderson Full Name of Inventor: David W. Anderson Citizenship: United States Residence: 85 Montoya Drive, Branford, CT 06405 Post Office Address: Same	Date
Inventor's Signature: Luca Rastelli, Ph.D. Full Name of Inventor: Luca Rastelli Citizenship: Italian Residence: 52 Pepperbush Lane, Guilford, CT 06437 Post Office Address: Same	Date
Jih & Mille	9/26/07
Inventor's Signature: Charles E. Miller Full Name of Inventor: Charles E. Miller Citizenship: United States Residence: 98 Saddle Hill Drive, CT 06437 Post Office Address: Same	Date
Inventor's Signature: Valerie Gerlach Full Name of Inventor: Valerie Gerlach Citizenship: United States Residence: 375 East Main Street, Branford, CT 06405 Post Office Address: Same	Date

U.S.S.N.: 10/072,012 Filed: February 8, 2002 Inventor's Signature: Raymon Full Name of Inventor: Raymond J. Taupier, Jr. Citizenship: United States Residence: 47 Holmes Street, East Haven, CT 06512 Post Office Address: Same 9/26/02 Inventor's Signature: Vladimir Y. Gusev Date Full Name of Inventor: Vladimir Y. Gusev Citizenship: Ukraine Residence: 1209 Durham Road, CT 06443 Post Office Address: Same Inventor's Signature: Steven D. Colman Date Full Name of Inventor: Steven D. Colman, Ph.D. Citizenship: United States Residence: 24 Andy Lane, Guilford, CT 06437 Post Office Address: Same Inventor's Signature: Adam Ryan Wolenc Date Full Name of Inventor: Adam Ryan Wolenc Citizenship: United States Residence: 500 Main Street, Apt. 206, East Haven, CT 06512 Post Office Address: Same Inventor's Signature: Carol E. A. Pena Date Full Name of Inventor: Carol E. A. Pena Citizenship: United States Residence: 604 Orange St. #2, New Haven, CT 06511

Post Office Address: Same

9/26/02 Katorijia Firfak Inventor's Signature: Katarzyna Furtak Full Name of Inventor: Katarzyna Furtak Citizenship: Poland and United States Residence: 31 Park Place, Anosia, CT 06401 Post Office Address: Same Inventor & Signature William M. Grosse Full Name of Inventor: William M. Grosse Citizenship: United States Residence: 15 Rice Terrace Road Apt., Bransford, CT 06405 Post Office Address: Same 9/26/02 Inventor's Signature: John P. Alsobrook II Full Name of Inventor: John P. Alsobrook II Citizenship: United States Residence: 60 Lake Drive, Madison, CT 06443 Post Office Address: Same **Inventor's Signature: Denise M. Lepley** Date Full Name of Inventor: Denise M. Lepley, Ph.D. Citizenship: United States Residence: 51 Church Street, Branford, CT 06405 Post Office Address: Same Inventor's Signature: Daniel K. Rieger Date Full Name of Inventor: Daniel K. Rieger Citizenship: United States

Residence: 10A McKinnel Ct., Branford, CT 06405

Post Office Address: Same

Inventor's Signature: Catherine E. Burgess

Full Name of Inventor: Catherine E. Burgess

Citizenship: United States

Residence: 90 Carriage Hill Drive, Wethersfield, CT 06109

Post Office Address: Same

TRA 1623853v1

Express Mail Label No.: EV074977306US

Date of Deposit: December 13, 2002



Delow named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a utility patent is sought on the invention entitled:

### PROTEINS AND NUCLEIC ACIDS ENCODING SAME

the specification of which was filed on January 31, 2002, as United States non-provisional application U.S.S.N. 10/072,012, bearing Attorney Docket No. 21402-258 (2) (CURA-558).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application designating at least one country other than the United States listed below and have also identified below any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

Appln.	Country	Filing Date	Priority	Claimed
Number	(if PCT, so indicate)	(dd/mm/yy)	Yes	No

I hereby claim the benefit under Title 35, United States Code, § 119(e) or §120 of any United States application(s), or §365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56

which became available between the filing date of the prior application and the national or PCT International filing date of this application:

Application No. (U.S.S.N.)	Filing Date (dd/mm/yy)	Status (Patented, Pending, Abandoned)
60/265,102	January 30, 2001	Abandoned
60/265,514	January, 31, 2001	Abandoned
60/265,517	January 31, 2001	Abandoned
60/265,412	January 31, 2001	Abandoned
60/265,395	January 31, 2001	Abandoned
60/266,406	February 2, 2001	Abandoned
60/266,767	February 5, 2001	Abandoned
60/267,057	February 7, 2001	Abandoned
60/266,975	February 7, 2001	Abandoned
60/267,459	February 8, 2001	Abandoned
60/267,823	February 9, 2001	Abandoned
60/268,974	February 15, 2001	Abandoned
60/271,855	February 27, 2001	Abandoned
60/271,839	February 27, 2001	Abandoned
60/273,046	March 2, 2001	Abandoned
60/272,788	March 2, 2001	Abandoned
60/275,989	March 14, 2001	Abandoned
60/275,925	March 14, 2001	Abandoned
60/275,947	March 14, 2001	Abandoned
60/275,950	March 14, 2001	Abandoned
60/276,450	March 15, 2001	Abandoned
60/276,448	March 15, 2001	Abandoned
60/276,397	March 16, 2001	Abandoned
60/276,768	March 16, 2001	Abandoned
60/278,652	March 20, 2001	Abandoned
60/278,775	March 26, 2001	Abandoned
60/278,778	March 26, 2001	Abandoned
60/279,882	March 29, 2001	Abandoned
60/279,884	March 29, 2001	Abandoned
60/280,147	March 30, 2001	Abandoned
60/283,083	April 11, 2001	Abandoned
60/282,992	April 11, 2001	Abandoned
60/285,133	April 20, 2001	Abandoned
60/285,749	April 23, 2001	Abandoned
60/288,327	May 3, 2001	Abandoned
60/288,504	May 3, 2001	Abandoned
60/294,047	May 29, 2001	Abandoned

Application No. (U.S.S.N.)	Filing Date (dd/mm/yy)	Status (Patented, Pending, Abandoned)
60/294,473	May 30, 2001	Abandoned
60/296,964	June 8, 2001	Abandoned
60/298,959	June 18, 2001	Abandoned
60/299,324	June 19, 2001	Abandoned
60/312,020	August 13, 2001	Abandoned
60/312,908	August 16, 2001	Abandoned
60/312,889	August 16, 2001	Abandoned
60/313,930	August 21, 2001	Abandoned
60/315,470	August 28, 2001	Abandoned
60/316,447	August 31, 2001	Abandoned
60/318,115	September 7, 2001	Abandoned
60/318,118	September 7, 2001	Abandoned
60/318,740	September 12, 2001	Abandoned
60/323,379	September 19, 2001	Abandoned
60/330,308	October 18, 2001	Pending
60/330,245	October 18, 2001	Pending
60/332,701	November 14, 2001	Pending
60/271,664	February 26, 2001	Abandoned

PCT International Applications designating the United States:

PCT International Application No.	PCT Filing Date	Status

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Attorney or Agent	Registration No.	Attorney or Agent	Registration No.
Kevin Ainsworth	39,586	Shane Hunter	41,858
Ingrid Beattie	42,306	David E. Johnson	41,874
William Belanger	40,509	Christina Karnakis	45,899
Charles E. Bell	48,128	Kristin E. Konzak	44,848
Naomi Biswas	38,384	Cynthia Kozakiewicz	42,764
Bradford C. Blaise	47,429	Barry J. Marenberg	40,715
Sean M. Coughlin	48,593	Scott D. Miller	43,803
David F. Crosby	36,400	A. Jason Mirabito	28,161
Christopher J. Cuneo	42,450	Michel Morency	50,183
Brett N. Dorny	35,860	Carol H. Peters	45,010
Marianne Downing	42,870	Matthew Pavao	50,572
Ivor R. Elrifi	39,529	Michael Renaud	44,299
Heidi A. Erlacher	45,409	Robert J. Sayre	42,124
John M. Garvey	37,833	C. Eric Schulman	43,350
James G. Gatto	32.694	Gregory J. Sieczkiewicz	48,223
Richard Gervase	46,725	Thomas M. Sullivan	39,392
Matthew J. Golden	35,161	Janine Susan	46,119

Sonia K. Guterman	44,729	Nicholas P. Triano III	36,397
John A. Harre	37,345	Howard Susser	33,556
Brian P. Hopkins	42,669		

all of MINTZ, LEVIN, COHN, FERRIS, GLOVSKY AND POPEO PC, One Financial Center, Boston, Massachusetts 02111, as Applicant's attorneys with full power of substitution and revocation to take any and all action necessary with regard to the above-identified patent.

Address all telephone calls to Ivor R. Elrifi at telephone number (617) 348-1747. Address all correspondence to:

Ivor R. Elrifi, Ph.D.

Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C.

One Financial Center

Boston, Massachusetts 02111

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or patent issued thereon.

Inventor's Signature: Velizar Tchernev	Date	
Full Name of Inventor: Velizar T. Tchernev, Ph.D.		
Citizenship: Bulgaria		
Residence: 45 Jefferson Road, #3-12, Branford, CT 06405		
Post Office Address: Same		

Inventor's Signature: Kimberly Spytek
Full Name of Inventor: Kimberly A. Spytek

Citizenship: United States

Residence: 28 Court St., #1, New Haven, CT 06511

Post Office Address: Same

Inventor's Signature: Bryan Zerhusen Full Name of Inventor: Bryan D. Zerhusen, Ph.D. Citizenship: United States Residence: 337 Monticello Drive, Branford, CT 06405 Post Office Address: Same	Date
Inventor's Signature: Meera Patturajan Full Name of Inventor: Meera Patturajan Citizenship: India Residence: 45 Harrison Ave., Apt. 1C, Branford, CT 06405 Post Office Address: Same	Date
	9/22/14
Inventor's Signature: Richard Shimkets Full Name of Inventor: Richard A. Shimkets, Ph.D. Citizenship: United States Residence: 191 Leete Street, West Haven, CT 06516 Post Office Address: Same	Date
Inventor's Signature: Li Li Full Name of Inventor: Li Li Citizenship: China Residence: 56 Jerimoth Drive, Branford, CT 06405 Post Office Address: Same	Date
Inventor's Signature: Esha Gangolli Full Name of Inventor: Esha A. Gangolli, Ph.D. Citizenship: India Residence: 31 Strawberry Hill Rd., Madison, CT 06443 Post Office Address: Same	Date

Inventor's Signature: Muralidhara Padigaru Date Full Name of Inventor: Muralidhara Padigaru Citizenship: India Residence: 71 Hampton Park, Branford, CT 06405 Post Office Address: Same Inventor's Signature: David W. Anderson Date Full Name of Inventor: David W. Anderson Citizenship: United States Residence: 85 Montoya Drive, Branford, CT 06405 Post Office Address: Same Inventor's Signature: Luca Rastelli, Ph.D. Date Full Name of Inventor: Luca Rastelli Citizenship: Italian Residence: 52 Pepperbush Lane, Guilford, CT 06437 Post Office Address: Same Inventor's Signature: Charles E. Miller Date Full Name of Inventor: Charles E. Miller Citizenship: United States Residence: 98 Saddle Hill Drive, CT 06437 Post Office Address: Same Inventor's Signature: Valerie Gerlach Date Full Name of Inventor: Valerie Gerlach Citizenship: United States Residence: 375 East Main Street, Branford, CT 06405 Post Office Address: Same

Post Office Address: Same

Inventor's Signature: Raymond J. Taupier, Jr. Date Full Name of Inventor: Raymond J. Taupier, Jr. Citizenship: United States Residence: 47 Holmes Street, East Haven, CT 06512 Post Office Address: Same Date Inventor's Signature: Vladimir Y. Gusev Full Name of Inventor: Vladimir Y. Gusev Citizenship: Ukraine Residence: 1209 Durham Road, CT 06443 Post Office Address: Same 9/27/02-Inventor's Signature: Steven D. Colman Full Name of Inventor: Steven D. Colman, Ph.D. Citizenship: United States Residence: 24 Andy Lane, Guilford, CT 06437 Post Office Address: Same Date Inventor's Signature: Adam Ryan Wolenc Full Name of Inventor: Adam Ryan Wolenc Citizenship: United States Residence: 500 Main Street, Apt. 206, East Haven, CT 06512 Post Office Address: Same Inventor's Signature: Carol E. A. Pena Date Full Name of Inventor: Carol E. A. Pena Citizenship: United States Residence: 604 Orange St. #2, New Haven, CT 06511

Post Office Address: Same

Inventor's Signature: Katarzyna Furtak Date Full Name of Inventor: Katarzyna Furtak Citizenship: Poland and United States Residence: 31 Park Place, Anosia, CT 06401 Post Office Address: Same Inventor's Signature: William M. Grosse Date Full Name of Inventor: William M. Grosse Citizenship: United States Residence: 15 Rice Terrace Road Apt., Bransford, CT 06405 Post Office Address: Same Inventor's Signature: John P. Alsobrook II Date Full Name of Inventor: John P. Alsobrook II Citizenship: United States Residence: 60 Lake Drive, Madison, CT 06443 Post Office Address: Same Inventor's Signature: Denise M. Lepley Date Full Name of Inventor: Denise M. Lepley, Ph.D. Citizenship: United States Residence: 51 Church Street, Branford, CT 06405 Post Office Address: Same Inventor's Signature: Daniel K. Rieger Date Full Name of Inventor: Daniel K. Rieger Citizenship: United States Residence: 10A McKinnel Ct., Branford, CT 06405

Inventor's Signature: Catherine E. Burgess Date

Full Name of Inventor: Catherine E. Burgess

Citizenship: United States Residence: 90 Carriage Hill Drive, Wethersfield, CT 06109

Post Office Address: Same

TRA 1623853v1

Express Mail Label No.: EV074977306US Date of Deposit: December 13, 2002



### COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

**As below** named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

TELL OF CHILLIANS SOS I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a utility patent is sought on the invention entitled:

#### PROTEINS AND NUCLEIC ACIDS ENCODING SAME

the specification of which was filed on January 31, 2002, as United States non-provisional application U.S.S.N. 10/072,012, bearing Attorney Docket No. 21402-258 (2) (CURA-558).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or \$365(b) of any foreign application(s) for patent or inventor's certificate, or \$365(a) of any PCT International application designating at least one country other than the United States listed below and have also identified below any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

Appln.	oln. Country Filing Date	Priority Claimed		
Number	(if PCT, so indicate)	(dd/mm/yy)	Yes	No

I hereby claim the benefit under Title 35, United States Code, § 119(e) or §120 of any United States application(s), or §365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56

which became available between the filing date of the prior application and the national or PCT International filing date of this application:

Application No. (U.S.S.N.)	Filing Date (dd/mm/yy)	Status (Patented, Pending, Abandoned)
60/265,102	January 30, 2001	Abandoned
60/265,514	January, 31, 2001	Abandoned
60/265,517	January 31, 2001	Abandoned
60/265,412	January 31, 2001	Abandoned
60/265,395	January 31, 2001	Abandoned
60/266,406	February 2, 2001	Abandoned
60/266,767	February 5, 2001	Abandoned
60/267,057	February 7, 2001	Abandoned
60/266,975	February 7, 2001	Abandoned
60/267,459	February 8, 2001	Abandoned
60/267,823	February 9, 2001	Abandoned
60/268,974	February 15, 2001	Abandoned
60/271,855	February 27, 2001	Abandoned
60/271,839	February 27, 2001	Abandoned
60/273,046	March 2, 2001	Abandoned
60/272,788	March 2, 2001	Abandoned
60/275,989	March 14, 2001	Abandoned
60/275,925	March 14, 2001	Abandoned
60/275,947	March 14, 2001	Abandoned
60/275,950	March 14, 2001	Abandoned
60/276,450	March 15, 2001	Abandoned
60/276,448	March 15, 2001	Abandoned
60/276,397	March 16, 2001	Abandoned
60/276,768	March 16, 2001	Abandoned
60/278,652	March 20, 2001	Abandoned
60/278,775	March 26, 2001	Abandoned
60/278,778	March 26, 2001	Abandoned
60/279,882	March 29, 2001	Abandoned
60/279,884	March 29, 2001	Abandoned
60/280,147	March 30, 2001	Abandoned
60/283.083	April 11, 2001	Abandoned
60/282,992	April 11, 2001	Abandoned
60/285,133	April 20, 2001	Abandoned
60/285,749	April 23, 2001	Abandoned
60/288,327	May 3, 2001	Abandoned
60/288,504	May 3, 2001	Abandoned
60/294.047	May 29, 2001	Abandoned

Application No. (U.S.S.N.)	Filing Date (dd/mm/yy)	Status (Patented, Pending, Abandoned)
60/294,473	May 30, 2001	Abandoned
60/296,964	June 8, 2001	Abandoned
60/298,959	June 18, 2001	Abandoned
60/299,324	June 19, 2001	Abandoned
60/312,020	August 13, 2001	Abandoned
60/312,908	August 16, 2001	Abandoned
60/312,889	August 16, 2001	Abandoned
60/313,930	August 21, 2001	Abandoned
60/315,470	August 28, 2001	Abandoned
60/316,447	August 31, 2001	Abandoned
60/318,115	September 7, 2001	Abandoned
60/318,118	September 7, 2001	Abandoned
60/318,740	September 12, 2001	Abandoned
60/323,379	September 19, 2001	Abandoned
60/330,308	October 18, 2001	Pending
60/330,245	October 18, 2001	Pending
60/332,701	November 14, 2001	Pending
60/271,664	February 26, 2001	Abandoned

PCT International Applications designating the United States:

PCT International Application No.	PCT Filing Date	Status

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Attorney or Agent	Registration No.	Attorney or Agent	Registration No.
Kevin Ainsworth	39,586	Shane Hunter	41,858
Ingrid Beattie	42,306	David E. Johnson	41,874
William Belanger	40,509	Christina Karnakis	45,899
Charles E. Bell	48,128	Kristin E. Konzak	44,848
Naomi Biswas	38,384	Cynthia Kozakiewicz	42,764
Bradford C. Blaise	47,429	Barry J. Marenberg	40,715
Sean M. Coughlin	48,593	Scott D. Miller	43,803
David F. Crosby	36,400	A. Jason Mirabito	28,161
Christopher J. Cuneo	42,450	Michel Morency	50,183
Brett N. Dorny	35,860	Carol H. Peters	45,010
Marianne Downing	42,870	Matthew Pavao	50,572
Ivor R. Elrifi	39,529	Michael Renaud	44,299
Heidi A. Erlacher	45,409	Robert J. Sayre	42,124
John M. Garvey	37,833	C. Eric Schulman	43,350
James G. Gatto	32,694	Gregory J. Sieczkiewicz	48,223
Richard Gervase	46,725	Thomas M. Sullivan	39,392
Matthew J. Golden	35,161	Janine Susan	46,119

Sonia K. Guterman	44,729	Nicholas P. Triano III	36,397
John A. Harre	37,345	Howard Susser	33,556
Brian P. Hopkins	42,669		

all of MINTZ, LEVIN, COHN, FERRIS, GLOVSKY AND POPEO PC, One Financial Center, Boston, Massachusetts 02111, as Applicant's attorneys with full power of substitution and revocation to take any and all action necessary with regard to the above-identified patent.

Address all telephone calls to Ivor R. Elrifi at telephone number (617) 348-1747. Address all correspondence to:

Ivor R. Elrifi, Ph.D.
Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C.
One Financial Center
Boston, Massachusetts 02111

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or patent issued thereon.

Inventor's Signature: Velizar Tchernev Date

Full Name of Inventor: Velizar T. Tchernev, Ph.D.

Citizenship: Bulgaria

Residence: 45 Jefferson Road, #3-12, Branford, CT 06405

Post Office Address: Same

Inventor's Signature: Kimberly Spytek Date

Full Name of Inventor: Kimberly A. Spytek

Citizenship: United States

Residence: 28 Court St., #1, New Haven, CT 06511

Post Office Address: Same

Inventor's Signature: Bryan Zerhusen Full Name of Inventor: Bryan D. Zerhusen, Ph.D. Citizenship: United States Residence: 337 Monticello Drive, Branford, CT 06405 Post Office Address: Same	Date
Inventor's Signature: Meera Patturajan	9/27/02
Inventor's Signature: Meera Patturajan Full Name of Inventor: Meera Patturajan Citizenship: India Residence: 45 Harrison Ave., Apt. 1C, Branford, CT 064 Post Office Address: Same	Date 05
Inventor's Signature: Richard Shimkets Full Name of Inventor: Richard A. Shimkets, Ph.D. Citizenship: United States Residence: 191 Leete Street, West Haven, CT 06516 Post Office Address: Same	Date
Inventor's Signature: Li Li Full Name of Inventor: Li Li Citizenship: China Residence: 56 Jerimoth Drive, Branford, CT 06405 Post Office Address: Same	Date
Inventor's Signature: Esha Gangolli Full Name of Inventor: Esha A. Gangolli, Ph.D. Citizenship: India Residence: 31 Strawberry Hill Rd., Madison, CT 06443 Post Office Address: Same	Date

Inventor's Signature: Muralidhara Padigaru Date Full Name of Inventor: Muralidhara Padigaru Citizenship: India Residence: 71 Hampton Park, Branford, CT 06405 Post Office Address: Same Inventor's Signature: David W. Anderson Date Full Name of Inventor: David W. Anderson Citizenship: United States Residence: 85 Montoya Drive, Branford, CT 06405 Post Office Address: Same Inventor's Signature: Luca Rastelli, Ph.D. Full Name of Inventor: Luca Rastelli Citizenship: Italian Residence: 52 Pepperbush Lane, Guilford, CT 06437 Post Office Address: Same Inventor's Signature: Charles E. Miller Date Full Name of Inventor: Charles E. Miller Citizenship: United States Residence: 98 Saddle Hill Drive, CT 06437 Post Office Address: Same Valence Galact Inventor's Signature: Valerie Gerlach Date Full Name of Inventor: Valerie Gerlach Citizenship: United States Residence: 375 East Main Street, Branford, CT 06405 Post Office Address: Same 

Inventor's Signature: Raymond J. Taupier, Jr. Date Full Name of Inventor: Raymond J. Taupier, Jr. Citizenship: United States Residence: 47 Holmes Street, East Haven, CT 06512 Post Office Address: Same Date Inventor's Signature: Vladimir Y. Gusev Full Name of Inventor: Vladimir Y. Gusev Citizenship: Ukraine Residence: 1209 Durham Road, CT 06443 Post Office Address: Same Inventor's Signature: Steven D. Colman Date Full Name of Inventor: Steven D. Colman, Ph.D. Citizenship: United States Residence: 24 Andy Lane, Guilford, CT 06437 Post Office Address: Same Date Inventor's Signature: Adam Ryan Wolenc Full Name of Inventor: Adam Ryan Wolenc Citizenship: United States Residence: 500 Main Street, Apt. 206, East Haven, CT 06512 Post Office Address: Same and a Inventor's Signature: Carol E. A. Pena Full Name of Inventor: Carol E. A. Pena Citizenship: United States Residence: 604 Orange St. #2, New Haven, CT -06511

Post Office Address: Same

Inventor's Signature: Katarzyna Furtak Full Name of Inventor: Katarzyna Furtak Citizenship: Poland and United States Residence: 31 Park Place, Anosia, CT 06401 Post Office Address: Same	Date
Inventor's Signature: William M. Grosse Full Name of Inventor: William M. Grosse Citizenship: United States Residence: 15 Rice Terrace Road Apt., Bransford, CT 0640 Post Office Address: Same	Date
Inventor's Signature: John P. Alsobrook II Full Name of Inventor: John P. Alsobrook II Citizenship: United States Residence: 60 Lake Drive, Madison, CT 06443 Post Office Address: Same	Date
Inventor's Signature: Denise M. Lepley Full Name of Inventor: Denise M. Lepley, Ph.D. Citizenship: United States Residence: 51 Church Street, Branford, CT 06405 Post Office Address: Same	Date
Inventor's Signature: Daniel K. Rieger Full Name of Inventor: Daniel K. Rieger Citizenship: United States Residence: 10A McKinnel Ct., Branford, CT 06405 Post Office Address: Same	Date

Inventor's Signature: Catherine E. Burgess

Full Name of Inventor: Catherine E. Burgess

Citizenship: United States

Residence: 90 Carriage Hill Drive, Wethersfield, CT 06109

Date

Post Office Address: Same

TRA 1623853v1